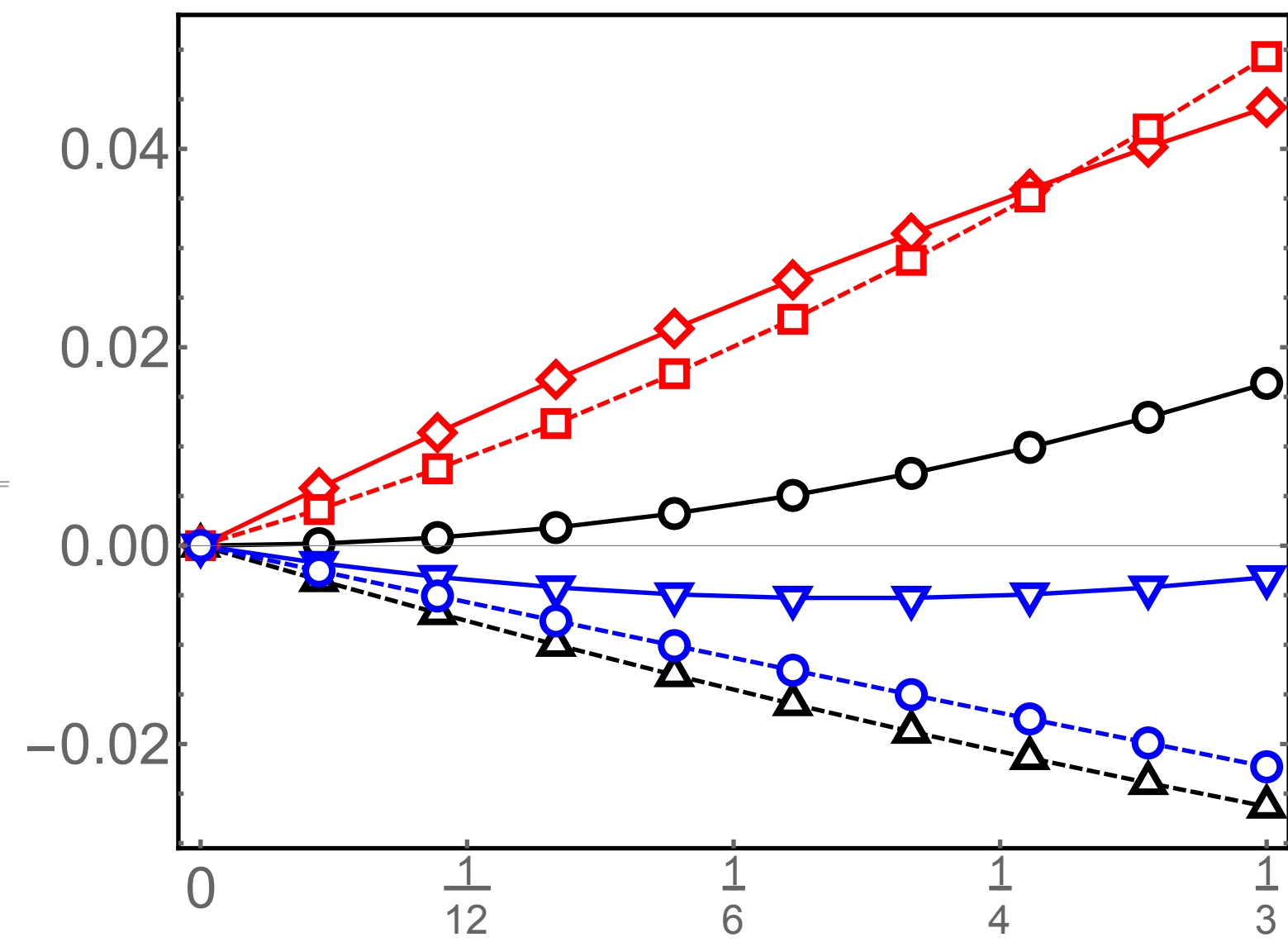
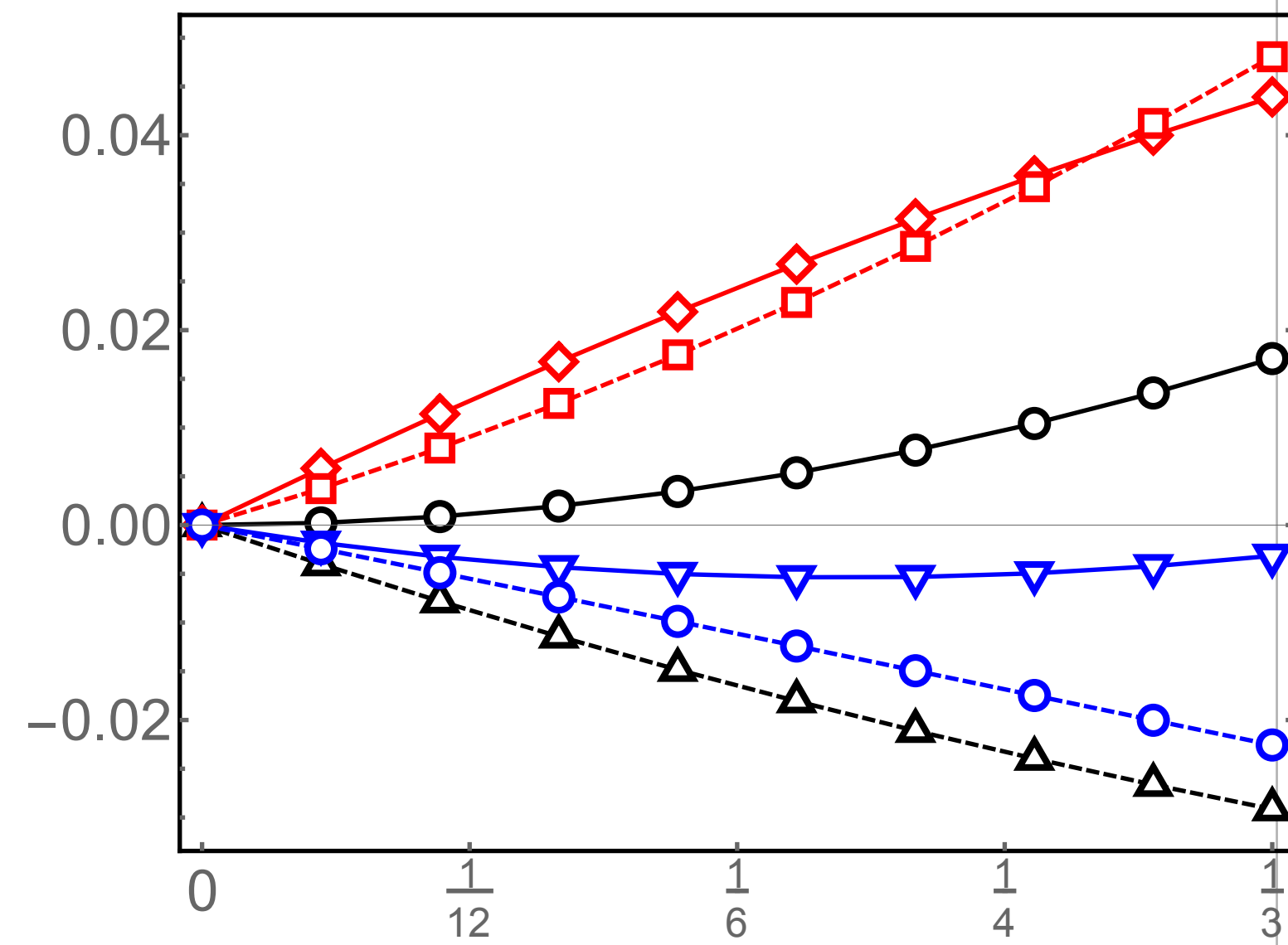


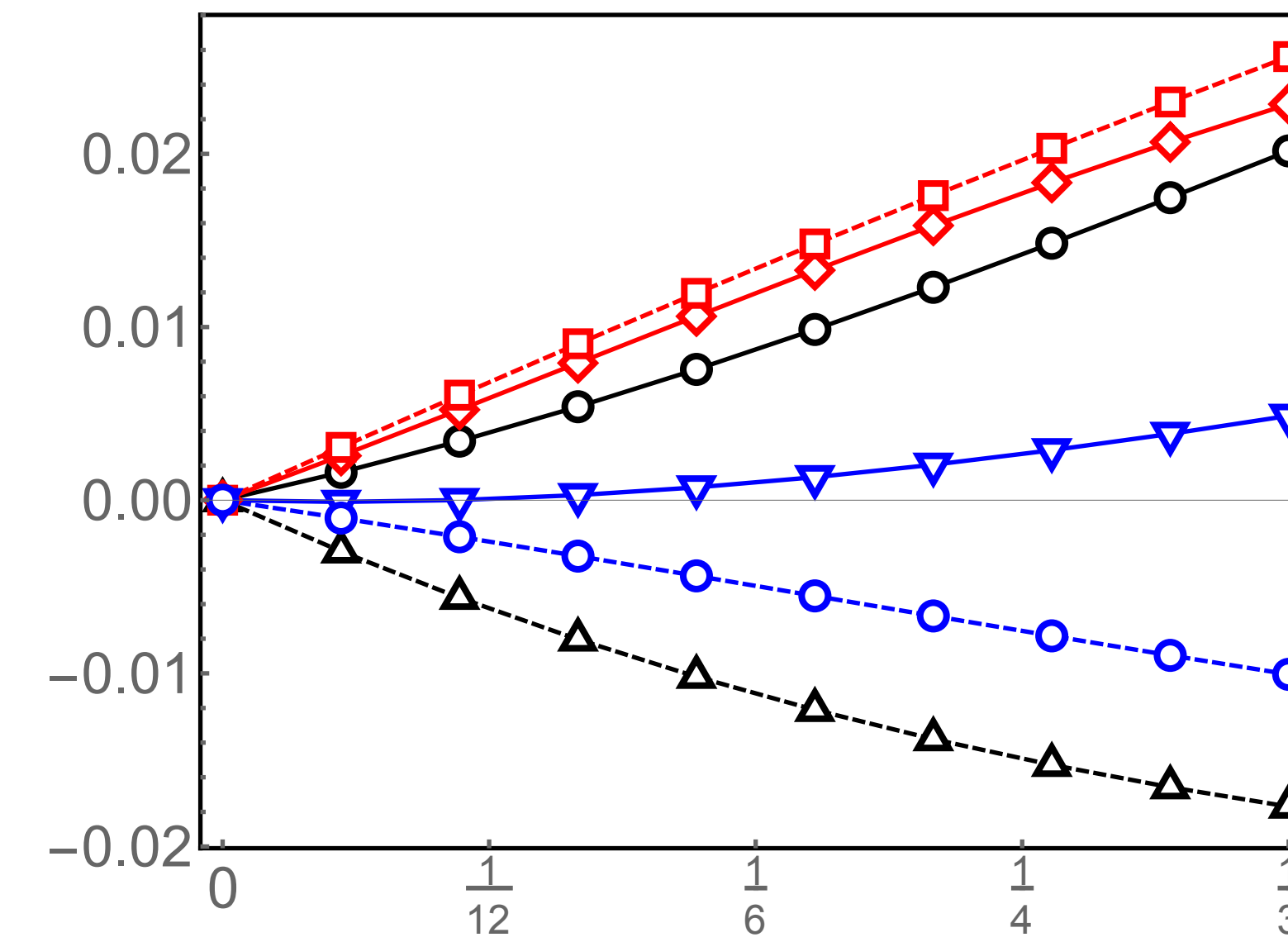
$N = 5$  and  $L = \pi/8$



$N = 5$  and  $L = \pi$



$N = 5$  and  $L = 8\pi$



- $\circ$   $E_{\text{eLDA}}^{(0)}(w_1, 0) - E_{\text{eLDA}}^{(0)}(0, 0)$
- $\triangle$   $E_{\text{eLDA}}^{(0)}(1/3, w_2) - E_{\text{eLDA}}^{(0)}(1/3, 0)$
- $\diamond$   $E_{\text{eLDA}}^{(1)}(w_1, 0) - E_{\text{eLDA}}^{(1)}(0, 0)$
- $\square$   $E_{\text{eLDA}}^{(1)}(1/3, w_2) - E_{\text{eLDA}}^{(1)}(1/3, 0)$
- $\nabla$   $E_{\text{eLDA}}^{(2)}(w_1, 0) - E_{\text{eLDA}}^{(2)}(0, 0)$
- $\circ$   $E_{\text{eLDA}}^{(2)}(1/3, w_2) - E_{\text{eLDA}}^{(2)}(1/3, 0)$